

Attorney Docket No: IDF 2476 (4000-14300)

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bobby B. Brown, et al.

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For: Software Build Tool

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Group Art Unit: 2193

Examiner: Ingberg, Todd D.

Confirmation No.: 5046

CLAIMS FOR EXAMINER'S AMENDMENT

Applicant thanks SPE Lewis Bullock for his time on August 26, 2008 discussing claim amendments to overcome the newly discovered U.S. Patent Number 7,237,226 to Simonyi. In a telephone conversation, SPE Lewis Bullock further requested incorporating limitations into independent claim 23 concerning the standardized comments included in the other independent claims. Applicants herein authorize the following claim amendments to be entered by means of an Examiner's Amendment. The changes made are shown by underlining the added text and striking through or surrounding with double brackets the deleted text.

Claims are reflected in the listing of claims which begins on page 2 of this paper.

OK TO ENTER - J.W. 8/27/2008

Listing of the Proposed Claims:

1. (Currently Amended) A system for managing software builds, comprising:

an executable code control system stored on a computer readable storage medium that is not a carrier wave, wherein, upon being executed, the control code system [[that]] maintains a code version and a-information associated with standardized comments describing changes made in the code version;

an executable parser module stored on a computer readable storage medium that is not a carrier wave, wherein, upon being executed, the parser module is in communication with the code control system[[,.]] and the parser module [[that]] parses the information associated with standardized comments describing the changes made in the code version and creates a change report, wherein the change report is associated with a state including one of a pending state, an approved state, and a disapproved state; and

an executable compiler module stored on a computer readable storage medium that is not a carrier wave, wherein, upon being executed, the compiler module is in communication with the code control system [[that]] and compiles the code version into an object version based-on-upon the state of the change report being the approved state.

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2. (Previously Presented) The system of Claim 1, wherein the information associated with the code version includes comments describing the code version.

3. (Previously Presented) The system of Claim 1, further including a linker module in communication with the code control system, the linker module links the object version into an executable version.

4. (Previously Presented) The system of Claim 3, wherein the linker determines when the code version is compiled into the object version.

5. (Previously Presented) The system of Claim 1, wherein the parser module determines when the code version has changed.

6. (Cancelled)

7. (Previously Presented) The system of Claim 1, wherein the compiler module determines when the change report transitions from the pending state to the approved state.

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8. (Cancelled)

9. (Cancelled)

10. (Previously Presented) The system of Claim 1, further comprising an interface definition language grinder module that transforms an interface definition language document into the code version.

11. (Previously Presented) The system of Claim 10, wherein the code version of the interface definition language grinder module is further defined as a code version of an object oriented programming language sold under the trademark JAVA.

12. (Currently Amended) A method of managing software builds, comprising:

- changing, by a developer, source code of a software archive maintained by a source archive system;
- requesting a build of the software archive including the source code, the request including a build request template including standardized comments describing the change to the source code;
- generating a change matrix based on the standardized comments of the build request template;
- notifying an approver of the software build request;
- notifying the developer when the software build request is denied by the approver; and
- rebuilding the software archive maintained by the source archive system based upon the change matrix when the software build request is approved by the approver.

13. (Original) The method of Claim 12, wherein notifying the approver further comprises:

- generating a unique number associated with the change matrix; and
- providing a test condition

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14. (Original) The method of Claim 13, wherein test condition is further defined as a document related to testing the source code.

15. (Original) The method of Claim 12, wherein generating the change matrix includes:

- providing a plurality of comments in the build request template;
- parsing at least some of the plurality of comments of the build request template into objects; and
- providing the objects to change matrix.

16. (Original) The method of Claim 15, wherein the comments include a description, a number associated with the request and information related to changes to the source code.

17. (Original) The method of Claim 16, wherein the number associated with the request is further defined as a unique number.

18. (Original) The method of Claim 16, wherein the changes to the source code include a fields changed portion and an events changed portion.

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19. (Original) The method of Claim 12, wherein rebuilding the software archive further comprises:

- providing a plurality of data type definition files associated with the software archive;
- providing a plurality of interface definition language files associated with the software archive;
- manipulating a changed one of the plurality of data type definition files; and
- manipulating a changed one of the interface definition language files.

20. (Previously Presented) The method of Claim 12, wherein rebuilding the software archive further comprises:

- identifying a plurality of components of the software archive necessary to rebuild the software archive;
- stamping, with a previous build information, the components of the software archive; and
- determining the components to re-compile based on the stamp; and
- compiling the components of the software archive based on the stamp.

21. (Original) The method of Claim 20, further comprising compiling only the components of the software archive stamped with a time indicating the component has

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been modified since a previous build.

22. (Original) The method of Claim 20, wherein the previous build information is further defined as a time stamp associated with each component of the software archive.

23. (Currently Amended) A method for building a software version, comprising:

- storing a revised code version and a description of the revisions in a code control system using standardized comments;
- generating a change report based on the description of the revisions to the revised code version;
- authorizing a build of a software version including the revised code version upon approving the change report; and
- building the software version based on the change report upon the authorization of the build of the software version.

24. (Original) The method of Claim 23, wherein building the software version further includes compiling a document type definition document into metadata classes.

25. (Previously Presented) The method of Claim 24, wherein the metadata classes are further defined to be metadata classes of a commercial-off-the-shelf application sold under the trademark VITRIA BUSINESSWARE.

26. (Previously Presented) The method of Claim 23 wherein building the software further comprises:

- grinding an interface definition language document to produce a code version of

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an object oriented programming language sold under the trademark
JAVA; and

compiling the code version of the object oriented programming language sold
under the trademark JAVA.

27. (Original) The method of Claim 23, wherein building the software further includes
compiling and linking the code version.

28. (Original) The method of Claim 23, wherein the generating a change report further
includes sending an email notification of the change report to one or more
administrators.

29. (Original) The method of Claim 23, wherein the authorizing the software build
includes sending an email notification of the authorization to one or more software
developers.

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*Patent***Conclusion**

If the Examiner has any questions or comments or otherwise feels it would be helpful in expediting the application, he is encouraged to telephone the undersigned at (972) 731-2288.

The Commissioner is hereby authorized to charge payment of any further fees associated with any of the foregoing papers submitted herewith, or to credit any overpayment thereof, to Deposit Account No. 21-0765, Sprint.

Respectfully submitted,

Date: August 26, 2008

/Michael W. Piper/

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